

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$950.00)

Complete if Known

Application Number	
Filing Date	February 8, 2001
First Named Inventor	Carsten Sjoeholm
Examiner Name	
Group Art Unit	
Attorney Docket No	NOVT 100

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to
 Deposit Account Number **01-2507**

Deposit Account Name **Arnall Golden & Gregory, LLP**

Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status
See 37 CFR 1.27

2. Payment Enclosed:
 Check Credit card Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2520	147 2520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,640*	113 1,640* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,890	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 35 Petition to revive - unavoidable	
141	1,240	241 620 Petition to revive - unintentional	
142	1,240	242 620 Utility issue fee (or reissue)	
143	440	243 220 Design issue fee	
144	600	244 300 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	140	126 240 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
145	11	245 414 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279 355 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	

Other fee(s) specify _____

SUBTOTAL (1) (\$710.00)

SUBTOTAL (3) (\$)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Carsten Sjoeholm, Peter Rahbek Oestergaard, and Anna-Marie Kluenter

Serial No.: Express Mail Label No.: EL 709 418 884 US

Filed: February 8, 2001 Date of Deposit February 8, 2001

For: USE OF ACID-STABLE SUBTILISIN PROTEASES IN ANIMAL FEED

BOX PATENT APPLICATION

Assistant Commissioner for Patents

Washington, D.C. 20231

**EXPRESS MAIL TRANSMITTAL LETTER
FOR PATENT APPLICATION AND CERTIFICATE OF MAILING**

Sir:

Pursuant to 35 U.S.C. § 21(a) as amended by Public Law 97-247 and 37 C.F.R. § 1.10, applicants enclose for filing the attached patent application entitled "Use of Acid-Stable *Subtilisin Proteases in Animal Feed*", which claims priority to U.S.S.N. 60 183,133 filed February 17, 2000, which claims priority to foreign application No. 2000 00200 filed in Denmark on February 8, 2000. The application includes 1 page of Abstract, 51 pages of specification, 2 pages of claims, 3 sheets of informal drawings, a 3-1/2 inch sequence listing diskette, a paper copy of the sequence listing, an unexecuted Declaration for Patent Application, and an unexecuted Power of Attorney or Authorization of Agent. An executed Declaration for Patent Application, Power of Attorney or Authorization of Agent, and Assignment to

Title: *U.S. of Acid Stable Nucleic Acid Sequences in Animal Feces*
Filed: February 8, 2001
Express Mail Transmittal Letter for
Patent Application and Certificate of Mailing
Express Mail Label No. 418-88418
Date of Deposit: February 8, 2001

A Preliminary Amendment is enclosed.

This application contains nucleic acid and or protein sequences as defined in 37 C.F.R. §§ 1.821-1.825. Pursuant to 37 C.F.R. §§ 1.821-1.825, applicants enclose a 3 1/2" diskette containing a computer-readable form of the Sequence Listing for the above-identified application. A paper copy of the Sequence Listing is incorporated into the application.

I declare that the material on the diskette is identical to the paper copy of the Sequence Listing present in the above-identified application, and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements may jeopardize the validity of the application or any patent issuing thereon.

A check in the amount of \$950.00 to cover the filing fee is enclosed. It is believed that \$950.00 is the proper filing fee for a large entity, as the application includes 6 independent claims and a total of 13 claims after entry of the enclosed Preliminary Amendment.

The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to Deposit Order Account No. 01-2507. To facilitate this process, applicants have enclosed a duplicate of this letter.

This application is being filed on February 8, 2001 by mailing the application to the Assistant Commissioner for Patents, Washington, D.C. 20231 via the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10. The Express

Title: *Lysine Acid Stable Subunit Proteases in Animal Feed*

Filed: February 8, 2001

Express Mail Transmittal Letter for

Patent Application and Certificate of Mailing

Express Mail Label No. 41-19418-884 US

Date of Deposit: February 8, 2001

Mail label number appears in the heading of this paper which is attached to the application

papers pursuant to 37 C.F.R. § 1.10(b).

All correspondence concerning this application should be mailed to:

Patrea L. Pabst, Esq.
ARNALL GOLDEN & GREGORY, LLP
2800 One Atlantic Center
1201 West Peachtree Street
Atlanta, Georgia 30309-3450

Respectfully submitted,

Patrea L. Pabst
Reg. No. 31,284

Date: February 8, 2001

ARNALL GOLDEN & GREGORY, LLP
2800 One Atlantic Center
1201 West Peachtree Street
Atlanta, Georgia 30309-3450
(404) 873-8794
(404) 873-8795 Telefax

Title: *Use of Acid Stable Subtilisin Protease in Animal Feed*
Filed: February 8, 2001
Express Mail Transmittal Letter for
Patent Application and Certificate of Mailing
Express Mail Label No. EL 709 418 884 US
Date of Deposit: February 8, 2001

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

I hereby certify that this Express Mail Transmittal Letter for Patent Application and Certificate of Mailing and any documents referred to as attached therein are being deposited with the United States Postal Service on this date, February 8, 2001, in an envelope as "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, mailing label number EL 709 418 884 US, addressed to BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: February 8, 2001

Sunny G. Johns

Sunny G. Johns

2000-01145-01

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

PRO
U.S. 09/779334
02/08/01

Novo-Nordisk a/s
Postbox 3000
2880 BAGSVAERD
Denemarken

name and address of depositor

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT
issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified at the bottom of this page

I. IDENTIFICATION OF THE MICROORGANISM

Identification reference given by the
DEPOSITOR:

NN048145

Accession number given by the
INTERNATIONAL DEPOSITORY AUTHORITY:

CBS 102448

II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION

The microorganism identified under I above was accompanied by:

a scientific description
 a proposed taxonomic designation
(mark with a cross where applicable)

III. RECEIPT AND ACCEPTANCE

This International Depository accepts the microorganism identified under I above, which
received by it on 17-01-2000 (date dd-mm-yy of the original deposit) 1

IV. RECEIPT OF REQUEST FOR CONVERSION

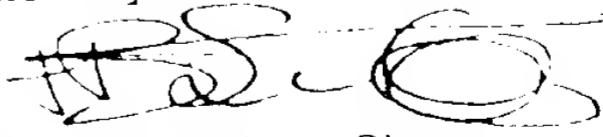
The microorganism identified under I above was received by this International Depository
Authority on not applicable (date dd-mm-yy of the original deposit) and a
request to convert the original deposit to a deposit under the Budapest Treaty was received
by it on not applicable (date dd-mm-yy of receipt of request for conversion)

V. INTERNATIONAL DEPOSITORY AUTHORITY

Name: Centraalbureau voor Schimmelcultures

Address: Oosterstraat 1
P.O. Box 273
3740 AG BAARN

Signature(s) of person(s) having the power
to represent the International Depository
Authority or of authorized official(s):


Mrs. F.B. Snippe-Claus


Dr. J.A. Stalpers

01-02-2000

2000-01145-01

BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSES OF PATENT PROCEDURE

INTERNATIONAL FORM

Novo-Nordisk a/s
Postbox 3000
2880 BAGSVAERD
Denemarken

*name and address of the party to whom the
viability statement is issued*

VIABILITY STATEMENT
issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITORY AUTHORITY
identified on the following page

I. DEPOSITOR	II. IDENTIFICATION OF THE MICROORGANISM
Name: Novo-Nordisk a/s	Accession number given by the INTERNATIONAL DEPOSITORY AUTHORITY: CBS 102448
Address: Postbox 3000 2880 BAGSVAERD Denemarken	Date (dd-mm-yy) of the deposit or of the transfer: 1 17-01-2000
III. VIABILITY STATEMENT	
<p>The viability of the microorganism identified under II above was tested on 21-01-2000 2. On that date (dd-mm-yy), the said microorganism was</p> <p><input checked="" type="checkbox"/> ³ viable</p> <p><input type="checkbox"/> ³ no longer viable</p>	

¹ Indicate the date of the original deposit or, where a new deposit or a transfer has been made, the most recent relevant date (date of the new deposit or date of the transfer).

² In the cases referred to in Rule 10.2(a)(ii) and (iii), refer to the most recent viability test.

³ Mark with a cross the applicable box.

IV. CONDITIONS UNDER WHICH THE VIABILITY HAS BEEN PERFORMED

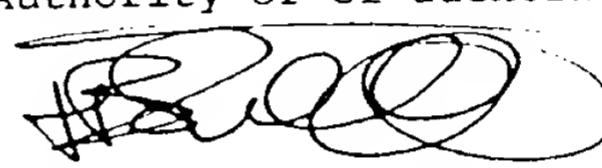
4

V. INTERNATIONAL DEPOSITORY AUTHORITY

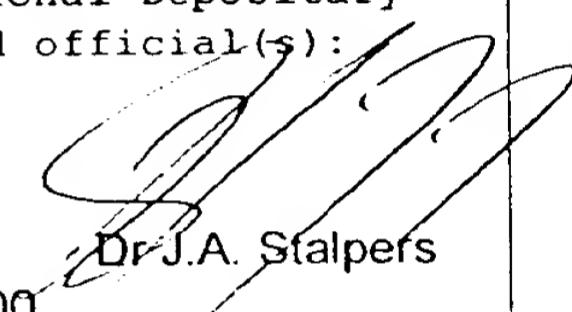
Name: Centraalbureau voor Schimmelcultures

Address: Oosterstraat 1
P.O. Box 273
3740 AG BAARN
The Netherlands

Signature(s) of person(s) having the power
to represent the International Depositary
Authority or of authorized official(s):



Mrs F.B. Snippe-Claus
Date (dd-mm-yy): 01-02-2000



Dr J.A. Stalpers

⁴ Fill in if the information has been requested and if the results of the test were negative.